

ERRATA FOR CALIFORNIA AND WESTERN ELECTRICITY SUPPLY OUTLOOK REPORT

Prepared for the
2005 Integrated Energy Policy Report
Proceeding Docket #04-IEP-1

STAFF REPORT

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ERRATA



Arnold Schwarzenegger, Governor

ERRATA

CALIFORNIA AND WESTERN ELECTRICITY SUPPLY OUTLOOK REPORT

The following changes and corrections have been made to the Staff Report, California and Western Electricity Supply Outlook Report that was originally posted on the Energy Commission Website on July 16, 2005. The version of the Staff Report now posted on the Website has incorporated these changes.

Date: July 21, 2005

Update on page 10

Replace Figure 2-2 with new figure on page 2.

Update on page 15

Please replace Figure 2-6 with the figure below, which includes the legend that was missing in the online document:

**Figure 2-6
Statewide Base Case Scenario**

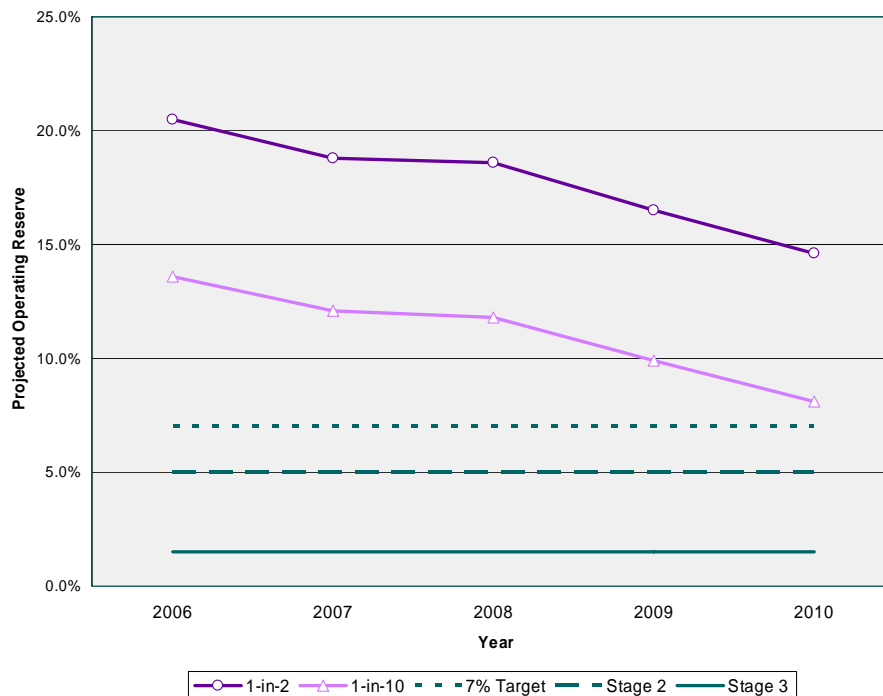
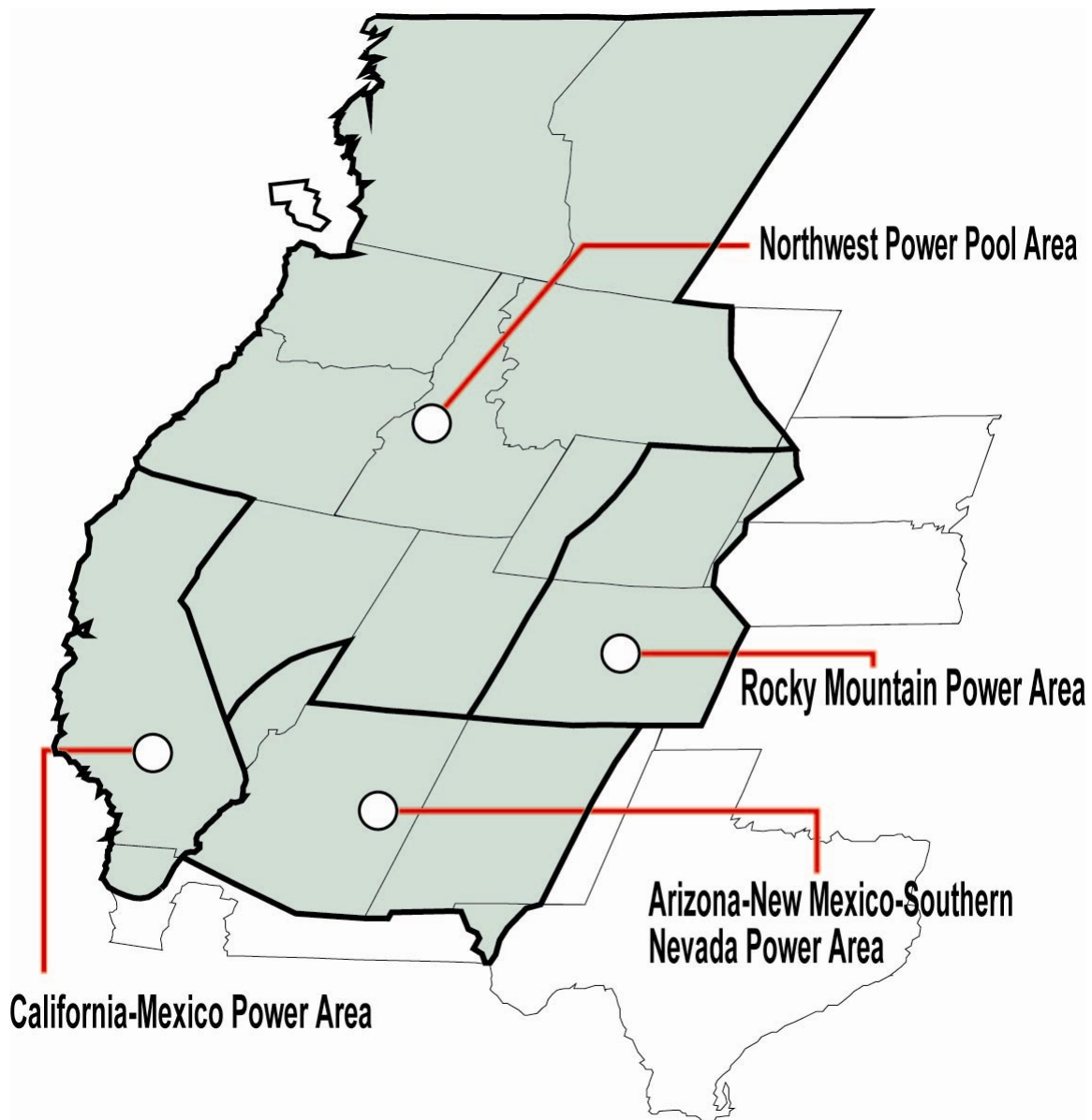


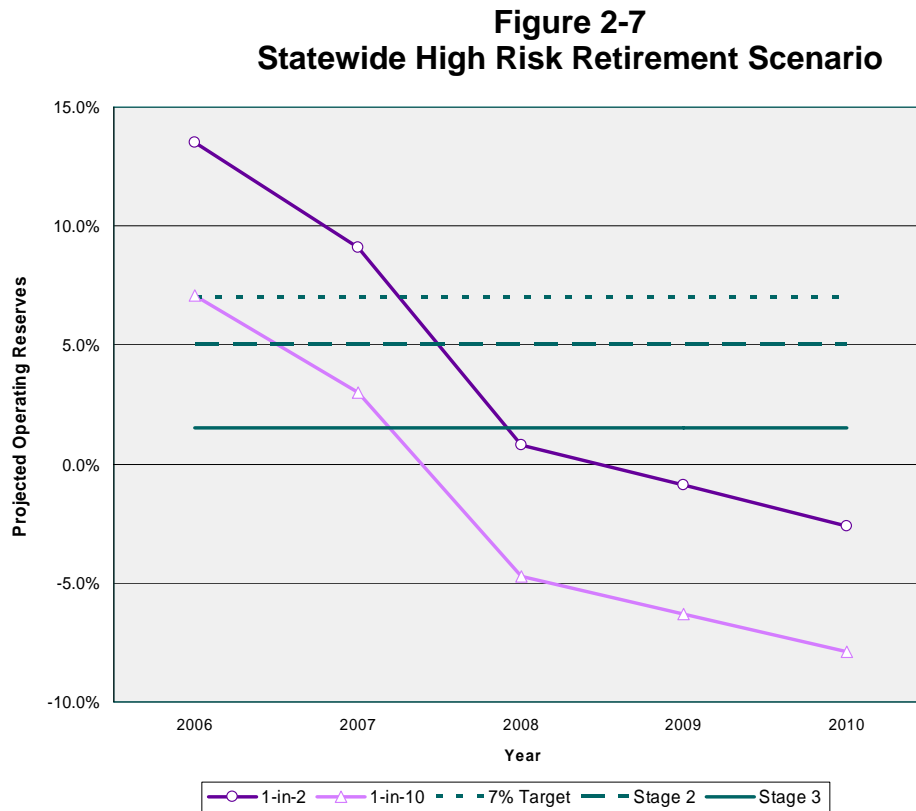
Figure 2-2
Map Showing Western Electricity Coordinating Council



Source: California Energy Commission

Update on page 16

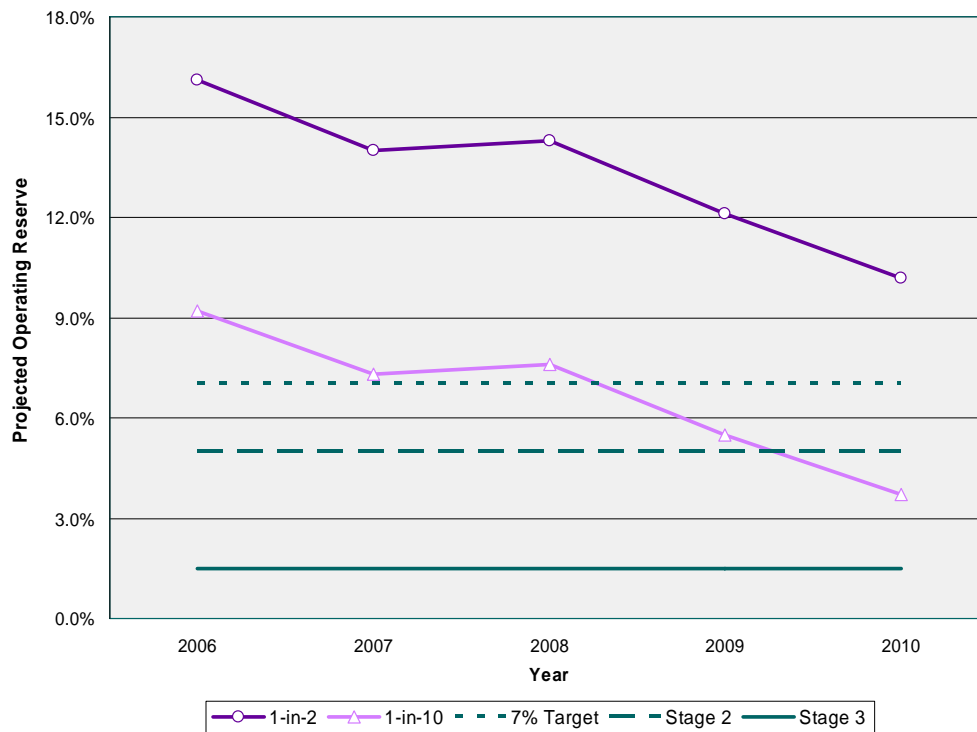
Please replace Figure 2-7 with the figure below, which includes the legend that was missing in the online document:



Update on page 17

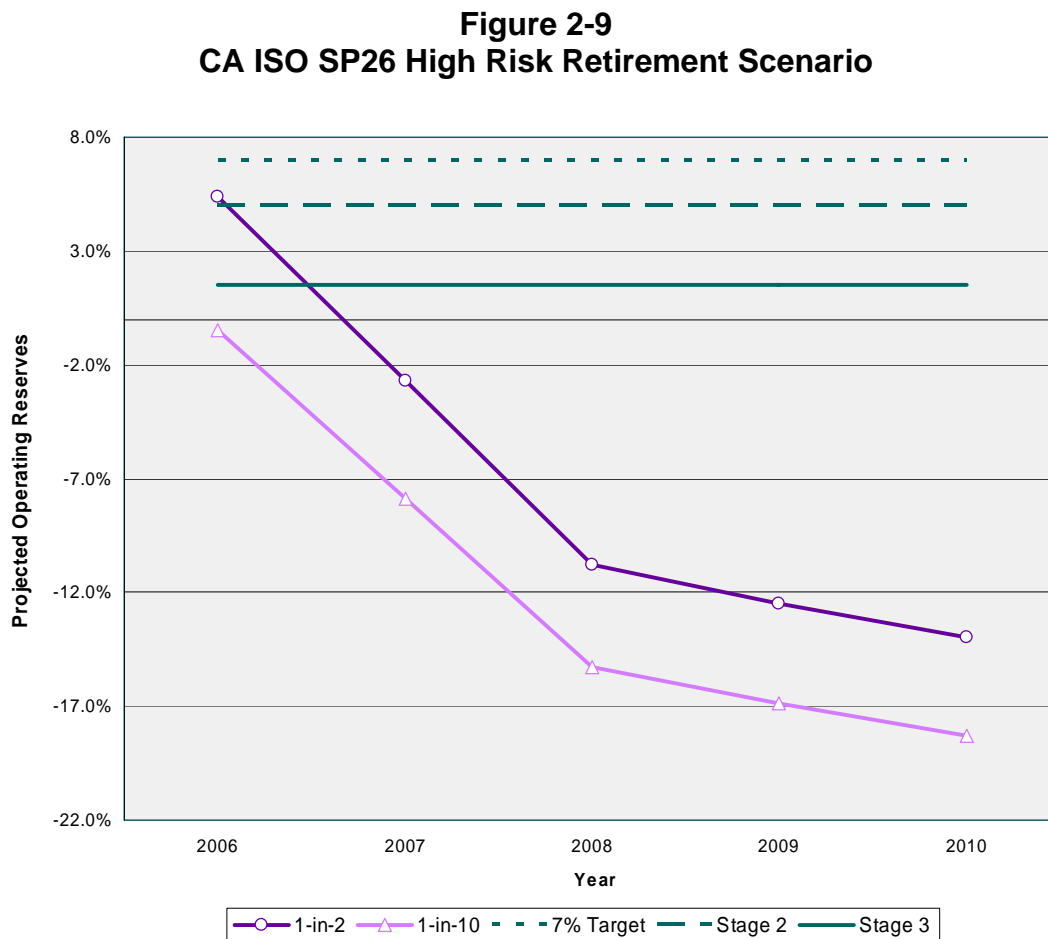
Please replace Figure 2-8 with the figure below, which includes the legend that was missing in the online document:

Figure 2-8
CA ISO SP26 Base Case Scenario



Update on page 18

Please replace Figure 2-9 with the figure below, which includes the legend that was missing in the online document:



Update on page 23, paragraph 1, last sentence

Generation surpluses could be expected only to the zones closest to the surplus and only if transmission capacity is available.

Please replace this sentence with:

Generation surpluses can be exported through a zone or series of zones to a downstream zone with a supply deficit, but the model “prefers” to give a zone’s surpluses to an adjacent zone, if that zone has a deficit.

Update on page 23, paragraph 3, sentence 3

No new or expanded transmission facilities were included in the analysis.

Please replace this sentence with:

Only new or expanded transmission projects deemed “highly likely” to be completed were included in the analysis, such as the Palo Verde-Southern California upgrades in 2007 and 2009.

Update on page 26, paragraph 7, sentence 2

Nearly 39,000 megawatts (MW) of new generating capacity became operational during that period.

Please replace this sentence with:

More than 40,000 megawatts (MW) of new generating (nameplate) capacity became operational during that period.

Update on page 27

Please replace Table 3-3 with the table below:

**Table 3-3
Proposed Generation Additions in WECC Sub-regions**

Capacity Additions	Operational or Under Construction (MW)			Proposed (MW)				
Region	Operational	Under Construction	Subtotal	Approval Received	Application Under Review	Starting Approval Process	Press Release	Subtotal
CA-Mex	13,826	4,297	18,123	3,178	1,030	2,305	1,165	7,678
Northwest	9,540	1,769	11,309	6,456	6,373	6,020	4,743	23,592
Rocky Mountain	3,837	282	4,119	90	750	129	2,750	3,719
Southwest	12,939	3,006	15,945	2,580	1,950	2,425	1,095	8,050
WECC Total	40,142	9,354	49,496	12,304	10,103	10,879	9,753	43,039

Source: California Energy Commission¹¹

¹¹ http://www.energy.ca.gov/electricity/wscce_proposed_generation.html

Update on page 29

Please replace Table 3-4 with the table below:

**Table 3-4
Northwest Capacity Additions/Expansion (MW)**

Year	Natural Gas	Coal	Wind/Other	Total Capacity
2000	871	0	105	976
2001	2,222	42	373	2,637
2002	2,055	25	302	2,382
2003	1,904	0	266	2,170
2004	662	125	113	900
Thru 5/2005	0	450	25	475
Total	7,714	642	1,184	9,540

Source: California Energy Commission

Update on page 32

Please add following heading before last paragraph:

Northwest Resource Plans

Update on page 33, paragraph 1, last sentence

Northwest LSEs such as Idaho Power, Sierra Pacific Power (Nevada), B.C. Hydro, and the Energy Northwest Consortium (Washington), have specific company-owned generation proposals in their resource plans.

Please replace this sentence with:

Northwest LSEs such as Idaho Power, Sierra Pacific Power (Nevada), and the Energy Northwest Consortium (Washington), have company-owned generation proposals in their resources plans.

Update on page 37, paragraph 2

If the new policy and “resource adequacy” framework increase generation and transmission capacity in the Pacific Northwest, California would benefit because additions to winter peak demand will likely become available as surplus power for export to California and others in the Pacific Southwest in high demand summer months.

Please replace this sentence with:

If the new policy and “resource adequacy” framework increase generation and transmission capacity in the Pacific Northwest, California would benefit because additions to meet winter peak demand will likely become available as surplus power for export to California and others in the Pacific Southwest in meeting their high demand summer months.

Update on page 43

Please replace Table 3-8 with the following revised table:

**Table 3-8
Southwest Capacity Additions (MW)**

Year	Natural Gas	Coal	Wind/Other	Total Capacity
2000	624	0	0	624
2001	1,481	0	0	1,481
2002	3,325	0	0	3,325
2003	5,015	0	204	5,219
2004	2,230	0	60	2,290
Total	12,675	0	264	12,939

Update on page 44

Please replace Table 3-9 with the following revised table:

**Table 3-9
Rocky Mountain Capacity Additions (MW)**

Year	Natural Gas	Coal	Wind/Other	Total Capacity
2000	376	0	52	428
2001	673	0	50	723
2002	804	0	0	804
2003	780	90	306	1,176
2004	706	0	0	706
Total	3,339	90	408	3,837

Update starting on page 44, paragraph 4, sentence 3

Only the following three projects are near-term Rocky Mountain additions: two wind projects (258 MW each) for 2005 and one coal-fired power plant (750 MW) for 2009.

Please replace this sentence with:

Only the following three projects are near-term Rocky Mountain additions: two wind projects (129 MW combined) for 2005 and one coal-fired power plant (750 MW) for 2009.

Update on page 45, source for Figure 3-7

Please replace “California Energy Commission” **with** “WECC 10 Year Report (9/04).”

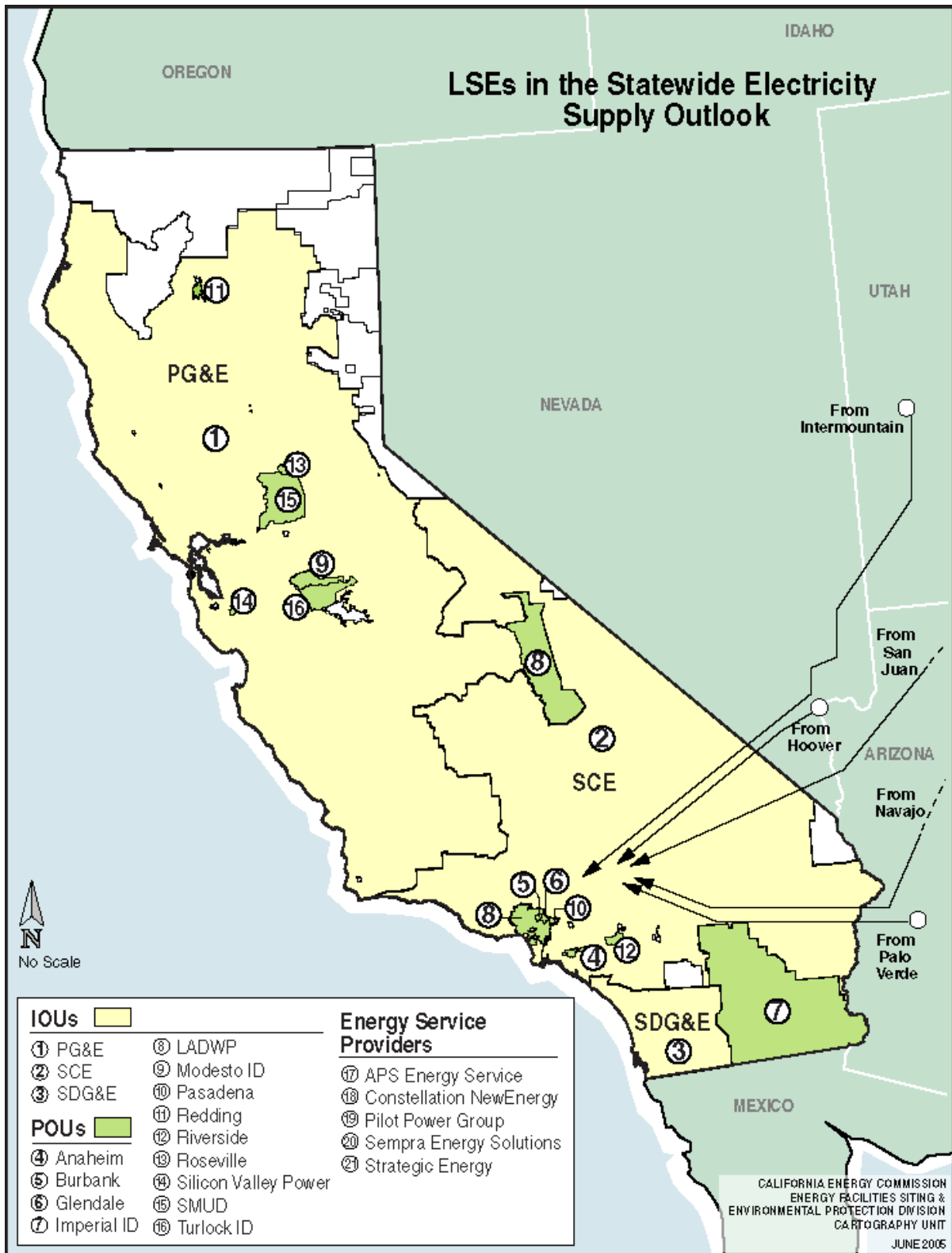
Update on page 47, source for Figure 3-9

Please replace “California Energy Commission” **with** “WECC 10 Year Report (9/04).”

Update on page 66

Please replace blank Figure 5-1 with the figure on the next page.

Figure 5-1

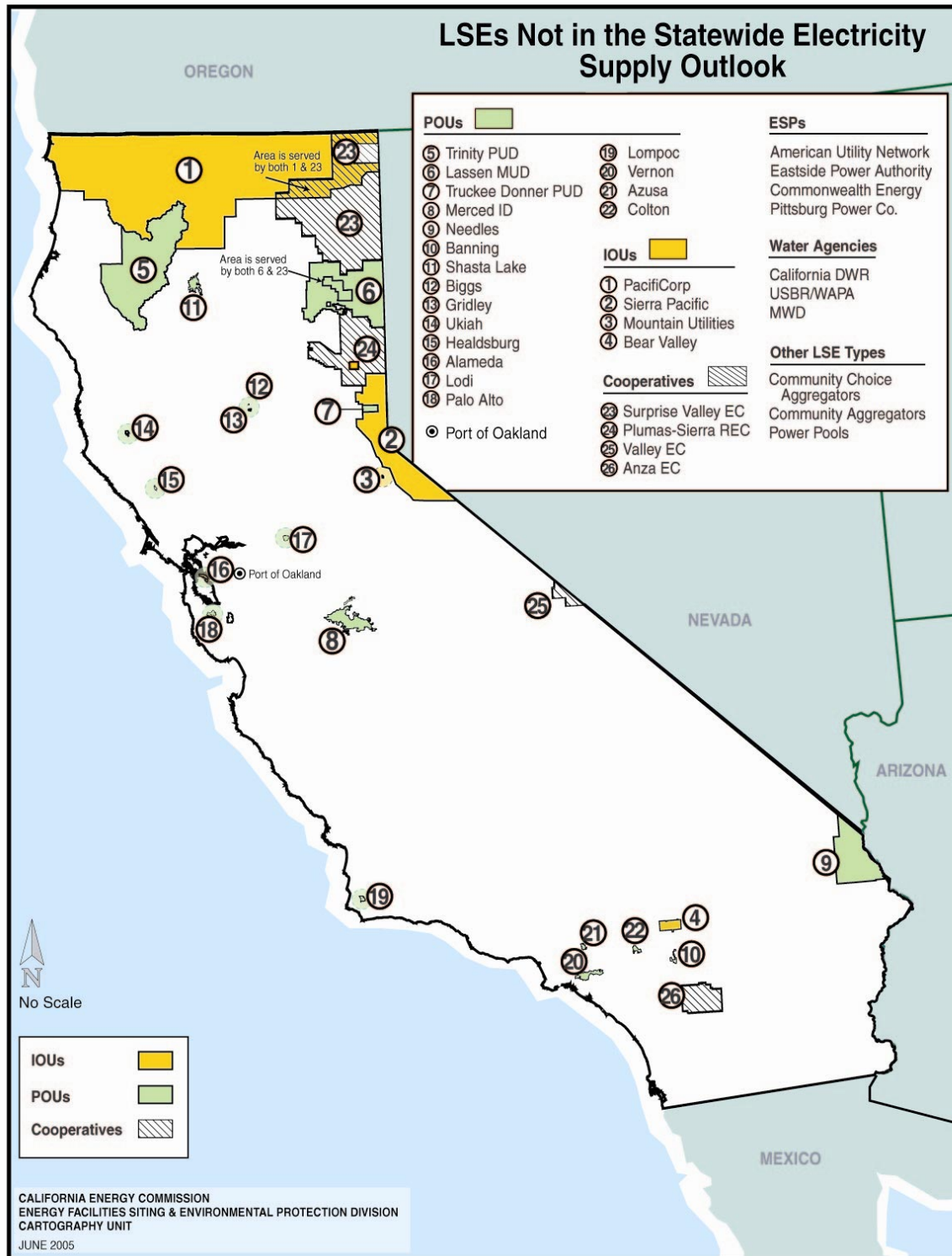


Source: California Energy Commission

Update on page 67

Please replace Figure 5-2 with the revised figure below.

Figure 5-2



Source: California Energy Commission

Update on page 68

In Table 5-1 Surprise Valley should be listed as Co-op, not POU

Update on page 70, paragraph 1, sentence 4

LSEs serving as a Utility Distribution Company were asked to distinguish demand from direct access customers; this was also done by the IOUs.

Please replace this sentence with:

LSEs serving as a Utility Distribution Company were asked to distinguish demand from direct access customers, and demand from their own “bundled service” customers.

Update on page 72, Source for Figure 3-7

Please replace “California Energy Commission, aggregated ESP Resource Plan data” **with** “California Energy Commission, aggregated LSE Resource Plan data.”

Update on page 73, Figure 5-4

In the legend, please replace “IOUs” with “IOUs and IID.”

Update starting on page 74, last sentence

Figure 5-6 shows that by the peak demand month in 2006 (which is July, August, or September, depending upon the company), 70 percent of forecast demand will be served by resources from new retail demand contracts, including renewals with existing customers. By summer 2008, only 5 percent of ESP peak demand will come from existing contractual obligations.

Please replace with:

Figure 5-6 shows that by the peak demand month in 2006 (which is July, August, or September, depending upon the company), 70 percent of forecast demand will be for customers under new retail demand contracts, including renewals with existing customers. By summer 2008, only 5 percent of ESP peak demand will come from existing contractual obligations (as of April 2005).

Update on page 75, paragraph 2, sentence 2

The POUs (not including Imperial ID) will not need generic capacity additions until 2010.

Please delete this sentence.

Update on page 75, paragraph 3, sentence 3

A six-month supply contract to an industrial manufacturer or grocery retail chain is therefore likely to be backed by a supply contract for nearly the same amount of capacity and energy for the same duration as the retail demand contract.

Please replace this sentence with:

A six-month supply contract to an industrial manufacturer or grocery retail chain is therefore likely to be backed by a supply contract for nearly the same amount of capacity and energy for the same duration.

Update on page 79, paragraph 2, sentences 2 and 4

As an aggregate number, this include all utility-owned or controlled resources whether large or small, pumped storage capacity, Hoover entitlements, or firm power contract obligations from Western.

Please replace with:

As an aggregate number, this include all utility-owned or controlled resources whether large or small, pumped storage capacity, and Hoover entitlements.

Update on page 79, paragraph 2, sentences 2 and 4

Table 5-2 does not include hydroelectric components of contractual supplies such as deliveries from Western, BPA, PacificCorp, or other entities that own hydro assets.

Please replace with:

Table 5-2 does not include hydroelectric components of contractual supplies such as firm power contract deliveries from Western, BPA, PacificCorp, or other entities that own hydro assets.